



## Volume 38 Number 26

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### FROM THE DIRECTOR'S OFFICE

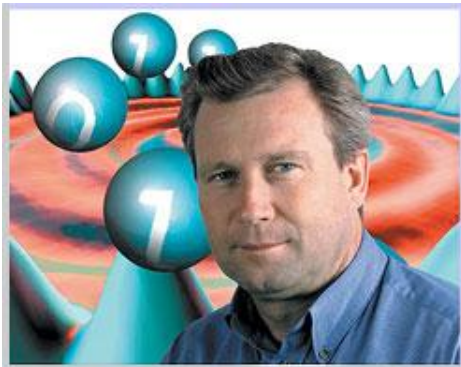
Congratulations to our Honours, Masters and PhD graduands who will graduate at next Friday's ceremony. A luncheon will be held in the RSPE tearoom next Friday 13 July at 1pm for graduates and their guests.

The Deputy Director (Education) EOIs are due to the Director's Office this Friday 6 July.

The Photonics position EOIs are due to the Director's Office Friday 13 July.

The Director will be Acting College Director for the week beginning 16 July. Please pass all paperwork to Andrea in the Director's Office.

### DIRECTOR'S COLLOQUIUM



## **Engineered Quantum Systems**

**Professor Gerard Milburn**

*Centre for Engineered Quantum Systems  
The University of Queensland*

**Thursday 12 July 2012**

**NEW TIME: 12.00**

Leonard Huxley Lecture Theatre

Building 56, Mills Road, ANU Campus

*Refreshments will be served from 11:30am in the tearoom*

### SCHOOL SEMINAR

***Toward Integrated Mid-infrared Photonic Devices:  
Material Sciences and Technical Challenges***

**Dr. Khu Vu**

Laser Physics Centre

RSPE, ANU

**4pm, Thursday 19 July**

Leonard Huxley Lecture Theatre

Building 56, Mills Road

The event details and abstract can be found on the RSPE website here:

<http://physics.anu.edu.au/events.php?EventID=67>

### WELCOME

**Electronic Materials Engineering** would like to welcome Mr Sreekar Molakalapalli a visiting high school student from USA working with Jagadish's group until late August.

Dr Kiran Mangalanpalli a new Postdoc working with Dr Jodie Bradby.

### **Plasma Research Laboratory**

PRL welcomes Mr Matt Thompson who has travelled from a warmer place in Queensland to Canberra to do his PhD.

### **Laser Physics Centre**

Sonia Padrun, Laser Physics DA, will return to work after her maternity leave from next Monday. Uyen Nguyen, who has filled in for Sonia during her leave, will finish her work at LPC this Friday. Please welcome Sonia back and thanks to Uyen for her work at Laser Physics.

### CONGRATULATIONS

Mr. Alex Solntsev, a PhD student from NLPC, was awarded one of the Best Student Paper Awards (sponsored by SPIE), at the recent Laser Optics Conference (St. Petersburg, Russia). The award includes a monetary prize and grants a free SPIE membership.

Congratulations to Sean Hodgman, recipient of the 2011 J.G Crawford prize. The JG Crawford Prize was established in 1973 to recognise the outstanding contributions of Sir John Crawford to the University; each year a committee appointed by the Vice-Chancellor selects graduate students who are deserving of recognition for the quality of their graduate work. This is the third year in a row a RSPE student has received this prize.

### STAFF MOVEMENTS

#### **Facilities and Services Office**

Graeme Cornish is away 9 -20th July, during his absence, Craig Young will be acting in Graeme's position.

#### **Electronic Materials Engineering**

Mark Ridgway is absent until 30 July and Dr Hoe Tan will be Acting Head of Department during his absence.

#### **Laser Physics**

Prof. Wieslaw Krolikowski is away until 11 July and Prof. Andrei Rode will be acting HoD during Prof. Wieslaw absence

#### **Theoretical Physics**

Professor Murray Batchelor, Theoretical Physics, is away from 5 – 16 July. He will attend workshops on Finite-size Technology in Low-dimensional Quantum Systems and on Quantum Integrability and its Applications in Seoul and Jeju Island, South Korea.

#### **Department Nuclear Physics**

Prof Keith Fifield will be overseas from 7 July to 28 August. He will attend the 21<sup>st</sup> Radiocarbon Conference, and act as a consultant for establishing a plutonium AMS capability at the



new AMS facility at the University of Cologne, France. In addition, he will visit the University of Vienna, ETH – Zurich, the University of Naples, and the University of Washington for collaborative research and discussions.

Dr Anton Wallner will overseas 5 – 27 July. He will also be attending the 21<sup>st</sup> Radiocarbon Conference, University of Cologne, France. He will then visit the University of Vienna, Austria, for AMS measurements/collaborative research.

### **Australian Institute of Physics Congress**

The 20th Australian Institute of Physics Congress will be held at the University of New South Wales, 9-13 December 2012. <http://www.aip2012.org.au/>

The Australian Institute of Physics Congress incorporating the 37th Australian Conference on Optical Fibre Technology will be the biggest and most diverse scientific meeting of the Australian physics calendar in 2012. The AIP/ACOFT Congress attracts many of Australia's finest physicists plus a number of prominent overseas attendees.

The four day program includes plenary lectures, parallel sessions, an exhibition, public lecture, industry forum, welcome reception and the option of attending the Congress dinner, all of which provide a variety of settings for delegates to increase and update their knowledge, catch up with old friends and colleagues and create valuable networks.

### **Extended Abstract AIP Submissions**

**CALL FOR ABSTRACT SUBMISSIONS CLOSING NOW  
EXTENDED TO 16 JULY 2012**

Submissions are invited for Poster Presentations and Contributed Talks for the 20th Australian Institute of Physics Congress incorporating the 37th Australian Conference on Optical Fibre Technology.

The Program Committee solicits extended abstracts and papers reporting new research findings in any area of Physics. This may include fundamental or applied discoveries, or applications of new technology to physics problems. The ACOFT Program Committee solicits papers in any area of guided wave optics.

Extended abstracts and papers should be submitted by the presenting author. Only one author per submission can be nominated as the 'presenting author'.

Please note that all presenters (Oral and Poster) must register for the Congress and pay the appropriate registration fee by the early bird deadline 12 October 2012. Extended abstracts and papers will be withdrawn if the authors are not registered by this time.

AIP Congress authors have the option of submitting a full paper for peer review following the acceptance of their extended abstract.

### **Registration and abstract submission is now open.**

Please support this major event of the Australian Physics community.

Your local Scientific Program Committee representatives are: Steve Gibson (Atomic and Molecular Physics) and Tibor Kibedi (Nuclear).

### **JAG Office Hours at RSPE**

A reminder that the JAG office hours at the RSPE can be found at:

<http://physics.anu.edu.au/intranet/IntDocs/files/adminworkinghours.pdf> on the RSPE intranet. Times are also available on people's doors here at RSPE.

### **From School Facilities and Services Office**

A reminder to all staff and students, if you notice or know of, any maintenance issues please report them to Graeme Cornish or Lyndell Paseka.

Graeme will be on leave for 2 weeks as of Monday 9 June. During his absence, Craig Young will be acting in Graeme's position. For any maintenance issues in this period please contact Lyndell Paseka

### **From the Friday Night Social Club**

Volunteers are wanted to help run, support and coordinate the Social Club. Please contact Patrick Parkinson if you can help.